

Sequence Listing

- 5 <110> Kenji SHIBATA
Motoo YAMASAKI
Tetsuo YOSHIDA
Tamio MIZUKAMI
Akeo SHINKAI
Hideharu ANAZAWA
- 10 <120> Peptides having a cyclic structure and restoring the activities
of P53 protein to mutant P53 protein
- <130> 1061
- 15 <140> PCT/JP98/02148
<141> 1998-5-15
- <150> JP97/126113
<151> 1997-05-15
- 20 <160> 32
- <210> 1
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- 25 <212> PRT
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- 30 <400> 1
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1 5 10 15
- 35 <210> 2
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1 5 10

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10 <211> 11

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15 <223> Synthetic peptide

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Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys
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25 <213> Artificial Sequence

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<222> (1)..(17)

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1 5 10 15
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 <223> Xaa represents L-Cysteine amide
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 35 <400> 6
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 1 5 10 15
 Xaa
 40

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 20
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 Xaa

 <210> 8
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 35 <223> Other nucleic acid Synthetic DNA

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26

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15 CGGTACCCCC GGGC

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25 <400> 14

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32

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 20 Cys Xaa

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40 <400> 17

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<222> (17)

<223> Xaa represents L-Cysteine amide.

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<223> Synthetic peptide

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Xaa

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5 <220>
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 15 1 5 10 15

<210> 22
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 25 <220>
 <221> SITE
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30 <220>
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 <223> Xaa represents N-Methlenecarbonyl-L-leucine whose methylene bonds
 to S in Cysteine amide.

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 <223> Xaa represents Cysteine amide whose S bonds to methylene in N-
 Methlenecarbonyl-L-leucine.

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Xaa Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu Xaa
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<223> Synthetic peptide

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Xaa

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<211> 16

15 <212> PRT

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25 <223> Xaa represents L-Leucine amide.

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35 <210> 30

<211> 15

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 Cys Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
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 35 Cys Xaa
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<220>

<221> BINDING

<222> (3)..(13)

5 <223> BINDING type is -CONH₂- between -COOH (β) in Asp and -NH₂ (ϵ) in Lys

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<221> SITE

<222> (15)

10 <223> Xaa represents L-Leucine amide.

<220>

<223> Synthetic peptide

15 <400> 32

Leu Lys Asp Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Xaa
1 5 10 15